

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MICRON.084C1C1APPLICATION NO.  
10/634,134INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Jiang et al.FILING DATE  
August 4, 2003GROUP  
~~Unknown~~ 2823

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JAG	1.	781,230	01/31/05	Rodman	—	—	
JAG	2.	2,935,420	05/03/60	Linden	—	—	
JAG	3.	3,339,526	9/05/67	Bradley et al.	—	—	
JAG	4.	3,839,037	10/1/74	Fromson	—	—	
JAG	5.	3,923,541	12/2/75	Healy	—	—	
JAG	6.	3,930,465	01/06/76	Schuieler	—	—	
JAG	7.	3,990,926	11/9/76	Konicek	—	—	
JAG	8.	4,113,899	9/12/78	Henry et al.	—	—	
JAG	9.	4,282,271	8/4/81	Feldstein	—	—	
JAG	10.	4,364,975	12/82	Cork et al.	—	—	
JAG	11.	4,474,311	10/02/84	Petrecca	—	—	
JAG	12.	4,603,656	08/05/86	Jaye, Jr.	—	—	
JAG	13.	4,762,601	9/9/88	Krulik et al.	—	—	
JAG	14.	4,772,496	9/20/88	Maeda et al.	—	—	
JAG	15.	4,913,082	4/3/90	Silbermann et al.	—	—	
JAG	16.	4,938,850	7/3/90	Rothschild et al.	—	—	
JAG	17.	5,028,454	7/2/91	Lytle et al.	—	—	
JAG	18.	5,118,362	7/2/92	St. Angelo et al.	—	—	
JAG	19.	5,194,313	3/16/93	Hupe et al.	—	—	
JAG	20.	5,206,052	4/27/93	Nakaso et al.	—	—	
JAG	21.	5,262,041	11/16/93	Gulla	—	—	
JAG	22.	5,342,501	08/94	Okabayashi	—	—	
JAG	23.	5,441,629	08/95	Kosaki	—	—	
JAG	24.	5,458,819	10/10/95	Lashmore et al.	—	—	
JAG	25.	5,492,863	2/20/96	Higgins, III	—	—	
JAG	26.	5,500,106	3/19/96	Goldberg	—	—	
JAG	27.	5,512,131	04/96	Kumar et al.	—	—	

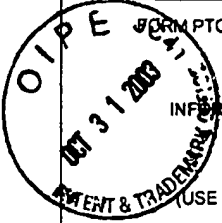
EXAMINER

J. A. Madia

DATE CONSIDERED

July 29, 2004

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. MICRON.084C1C1	APPLICATION NO. 10/834,134
	APPLICANT Jiang et al.	
	FILING DATE August 4, 2003	GROUP <del>unknown</del> 2823

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
JAG	28.	5,583,073	12/10/96	Lin et al.	—	—	
JAG	29.	5,603,849	2/18/97	Li	—	—	
JAG	30.	5,618,634	4/8/97	Hosoda et al.	—	—	
JAG	31.	5,725,807	03/98	Thorn et al.	—	—	
JAG	32.	5,810,940	9/22/98	Fukazawa et al.	—	—	
JAG	33.	5,897,368	04/99	Cole, Jr. et al.	—	—	
JAG	34.	5,911,865	6/15/99	Yih	—	—	
JAG	35.	5,925,931	7/20/99	Yamamoto	—	—	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
JAG	36.	K. Baudrand, J. Bengston, "Electroless Plating Processes - Developing Technologies for Electroless Nickel, Palladium, and Gold," Metal Finishing, Sept. 1995, pp.55-57.
JAG	37.	W.J. Hawk, "Electroless Palladium for Electronics," Metal Finishing, March 1986, pp.11-12.
JAG	38.	J.K. Lim, J.S. Russo, E. Antonier, "Electroplated Palladium Coating As a Nickel Migration (Thermal) Barrier," Plating and Surface Finishing, March 1996, pp.64-67.
JAG	39.	H. Nawafune, S. Mizumoto, M. Haga, E. Uchida, "Electroless Palladium Plating from an Ethylenediamine Complex Bath using Phosphite as a Reducing Agent," Transactions of the Institute of Metal Finishing, Vol. 74, #1, pp.21-24. (date unknown)
JAG	40.	Rao, "Multilevel Interconnect Technology," Chapter: Manufacturing, p.141. (date unknown)
JAG	41.	P. Steinmetz, S. Alperine, A. Friant-Costantini, P. Josso, "Electroless Deposition of Pure Nickel, Palladium and Platinum," Surface and Coatings Technology, 43/44 (1990), pp. 500-510.

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EXAMINER	<i>Joanne A. Garcia</i>	DATE CONSIDERED	<i>July 29, 2004</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 809; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			